

Rare Plants of Louisiana



Schizachyrium maritimum - Gulf bluestem Grass Family (Poaceae)

Rarity Rank: S1/G3G4Q

	1	2	3	4	5
State					
Global					
	imperiled		rare		secure

Range: AL, FL, LA, MS

Recognition:

- Good sized perennial grass of coastal beaches and sand dunes, to 1 m or so tall with inflorescences bearing abundant whitish hairs, appearing beard-like
- Definite long rhizomes (the common and similar *S. scoparium* is tufted or has short rhizomes)
- Sessile spikelet (spikelets born in pairs, one sessile and one stalked (= pedicillate)) 10 mm long
- Pedicellate spikelet reportedly staminate, 4-8.5 mm long, while that of *S. scoparium* is ca 2.5 mm long and sterile



Photo by Larry Allain

Flowering Time: August to November

Light Requirement: Full sun

Wetland Indicator Status:

FAC – similar likelihood of occurring in both wetlands and non-wetlands

Habitat:

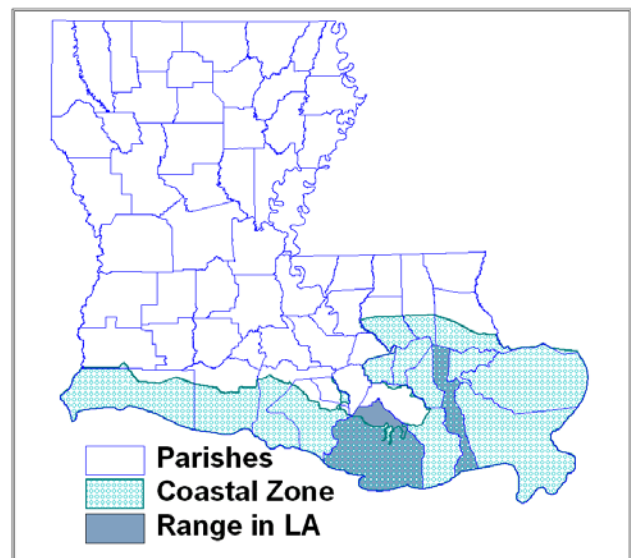
Coastal dune grasslands and high energy Gulf beaches.

Threats:

- Shoreline erosion
- Construction of roads, pipelines or utilities
- Contamination by chemicals or industrial discharge
- Off-road vehicle use
- Overgrazing

Beneficial Management Practices:

- Shoreline or island stabilization
- Prohibit off-road vehicle use on beaches and sand dunes
- Prohibit livestock grazing



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LA River Basins: Pontchartrain, Barataria, Terrebonne

References:

- Allen, C. M., D. A. Newman, and H. Winters. 2004. Grasses of Louisiana, 3rd edition. Allen's Native Ventures, LLC. Pitkin, LA. 374 pp.
- Clewell, A. F. Guide to the vascular flora of the Florida panhandle. University Presses of Florida/Florida State University Press, Tallahassee. 605 pp.
- Godfrey, R. K. and J. W. Wooten. 1981. Aquatic and wetland plants of the southeastern United States: Monocotyledons. University of Georgia Press, Athens, GA. 712 pp.
- Tobe, J. D., K. C. Burks, R. W. Cantrell, M. A. Garland, M. E. Sweeley, D. W. Hall, P. Wallace, G. Anglin, G. Nelson, J. R. Cooper, D. Bickner, K. Gilbert, N. Aymond, K. Greenwood, and N. Raymond. 1998. Florida wetland plants: an identification manual. Tallahassee: Florida Department of Environmental Protection. 598 pp.
- USDA, NRCS. 2007. The PLANTS Database (<http://plants.usda.gov>). National Plant Data Center, Baton Rouge, LA 70874-4490 USA.